BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

DASARAHALLI-SUB-DIVISION.

Name of Work: Improvements to RCC drain & covering slab at Kalasti Nagara cross roads, 3rd, 4th, 5th, 6th in Dasarahalli Ward No.15.

Estimate Cost :-50.00 Lakhs

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DASARAHALLI ZONE

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								Est. Cost Rs	50.00	Lakhs	
Sl	Description of Item	Unit	No		L	B	D		Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2016-17										
	5th cross L/s Rising	Cum	1	1	148.70	0.60	0.60		53.53		
	5th cross R/s		1	1	173.80	1.00	0.90		156.42		
	6th cross R/s Rising		1	1	159.60	0.65	0.60		62.24		
	6th Cross L/s		1	1	129.00	1.00	0.90		116.10		
	6th A Cross road		1	1	52.00	1.00	0.90		46.80		
	6th A Cross road		1	1	16.00	1.00	0.90		14.40		
	C C Road		1	1	91.00	4.00	0.30		109.20		
									558.69	166.42	92977.00
	Basic Rate	157.00									
	Add Area Weightage 6%	9.42									
	Total	166.42									
2	KSRB 4 -1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (PWD SR 2016-17, Page No.12, Item No. 4.3)										
	5th cross R/s		1	1	173.80	1.00	0.15		26.07		
	6th Cross L/s		1	1	129.00	1.00	0.15		19.35		
	6th A Cross road		1	1	52.00	1.00	0.15		7.80		
	6th A Cross road		1	1	16.00	1.00	0.15		2.40		
	Road		1	1	91.00	4.00	0.15		54.60		
									110.22	5159.02	568627.00
	Basic Rate	4867.00									
	Add Area Weightage 6%	292.02									
	Total	5159.02									
3	KSRRB M2200-5.9. **Design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)										
	5th cross L/s Rising bottom	Cum	1	1	148.70	0.60	0.15		13.38		
	Side Wall		1	2	148.70	0.30	0.15		13.38		
	5th Cross R/S bottom		1	1	173.80	0.90	0.15		23.46		
	Side Wall		1	2	173.80	0.75	0.15		39.11		
	6th Cross R/s Rising bottom		1	1	159.60	0.60	0.15		14.36		
	Side Wall		1	2	159.60	0.30	0.15		14.36		
	6th cross L/s		1	1	129.00	0.90	0.15		17.42		
	Side Wall		1	2	129.00	0.75	0.15		29.03		

	6th A Cross road		1	1	52.00	0.90	0.15	7.02			
	Side Wall		1	2	52.00	0.75	0.15	11.70			
	6th A Cross road		1	1	16.00	0.90	0.15	2.16			
	Side Wall		1	2	16.00	0.75	0.15	3.60			
	Road		1	1	91.00	4.00	0.15	54.60			
								243.58	6965.26	1696612.00
	Basic Rate	6571.00								
	Add Area Weightage 6%	394.26								
	Total	6965.26								
4	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.17 - I. no.28.8.2]										
	60kg	MT			215.84	60.00	kg/cum MT	12950.10 12.95	66482.14	860950.00	
	Basic Rate	62719.00									
	Add Area Weightage 6%	3763.14									
	Total	66482.14									
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for vertical surface such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No.4.31)										
	5th cross L/s Rising	Sqm	2	2	148.70		0.30	178.44			
	5th cross R/s		2	2	173.80		0.75	521.40			
	6th cross R/s Rising		2	2	159.60		0.30	191.52			
	6th cross L/s		2	2	129.00		0.75	387.00			
	6th A Cross road		2	2	52.00		0.75	156.00			
	6th A Cross road		2	2	16.00		0.75	48.00			
								1482.36	310.58	460391.00	
	Basic Rate	293.00									
	Add Area Weightage 6%	17.58									
	Total	310.58									
6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli										
	5th cross L/s	Sqm	1	40.00%	148.70	0.90		53.53			
	5th cross R/s		1	1	173.80	0.90		156.42			
	6th cross R/s		1	40.00%	159.60	0.90		57.46			
	6th cross L/s		1	1	129.00	0.90		116.10			
	6th A Cross road		1	1	52.00	0.90		46.80			
	6th A Cross road		1	1	16.00	0.90		14.40			
	Missing Slabs surrounding area		1	9	0.90	0.60		4.86			
	Date Rate Approved							449.57	1698.00	763366.00	
7	Removing & Refixing of Precast slabs of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2016-17										
	5th cross R/s Rising	Sqm	1	60%	148.70	0.90		80.30			
	6th cross L/s Rising		1	60%	159.60	0.90		86.18			
								166.48	80.56	13412.00	
	Basic Rate	76.00									
	Area Weightage 6%	4.56									
	Total	80.56									

7 8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17										
		Cum			Qty Vide Item No. 1				488.22	85.65	41815.00
	Loading and Unloading Charges	68.00							558.62		47851.0
	Lead 4 KMs 2.5x1.28x4	12.80									
		80.80									
	Add Area Weightage 6%	4.85									
	Total	85.65									4504186.00
									Sub Total		4308370.00
10	KRIDL & Quality control Test Charges ~~8+1=9%~~ 11%										387753.00
											49546.00
11	~~Miscellaneous and PMC Charges 7%~~										~~301586.00~~
12	Roundoff										354.00
											2291.00
										Total	5000000.00
	Rupees Fifty Lakhs Only										

CERTIFICATE

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward No 15

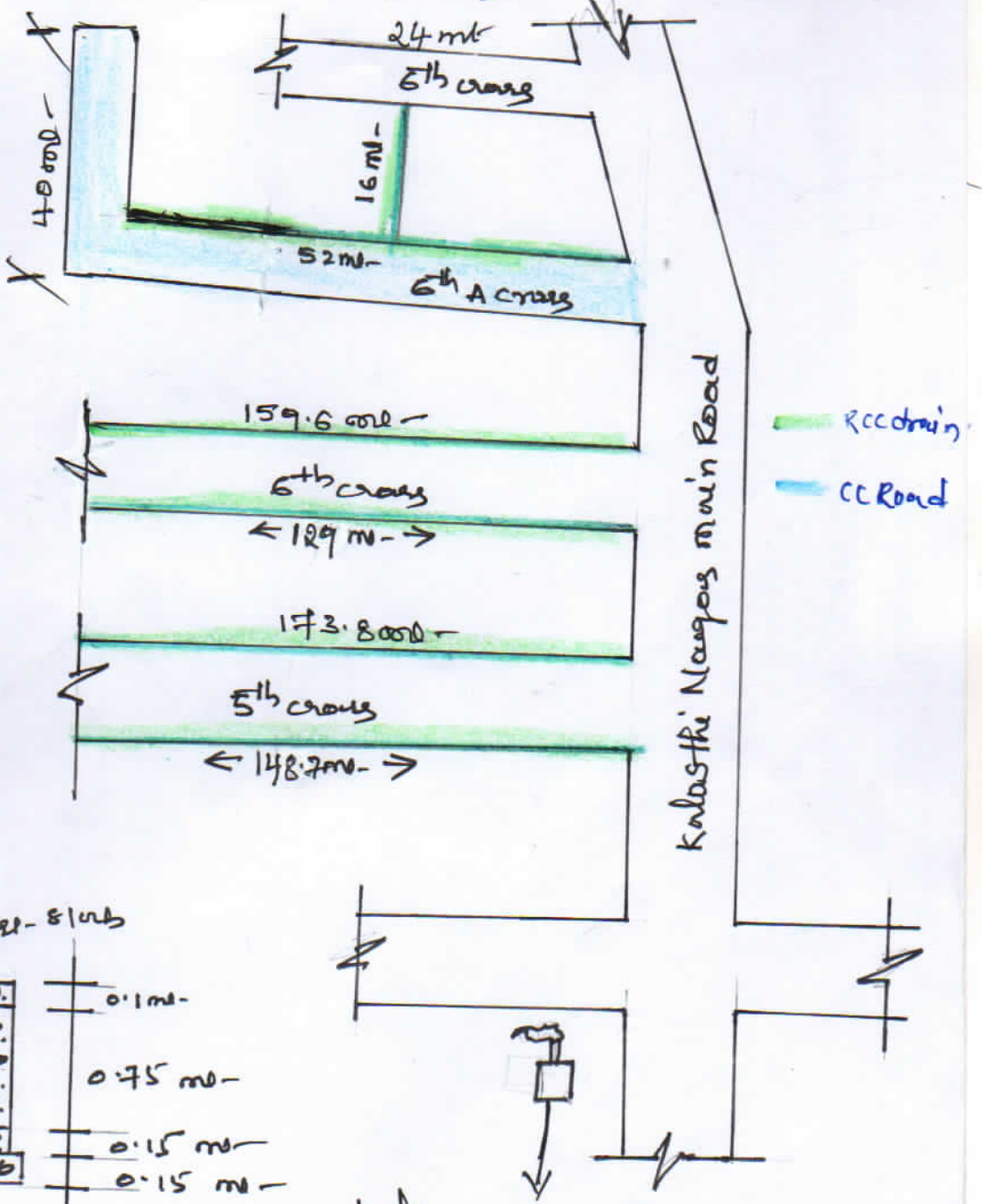
Assistant Executive Engineer
T. Dasarahalli Sub-Division

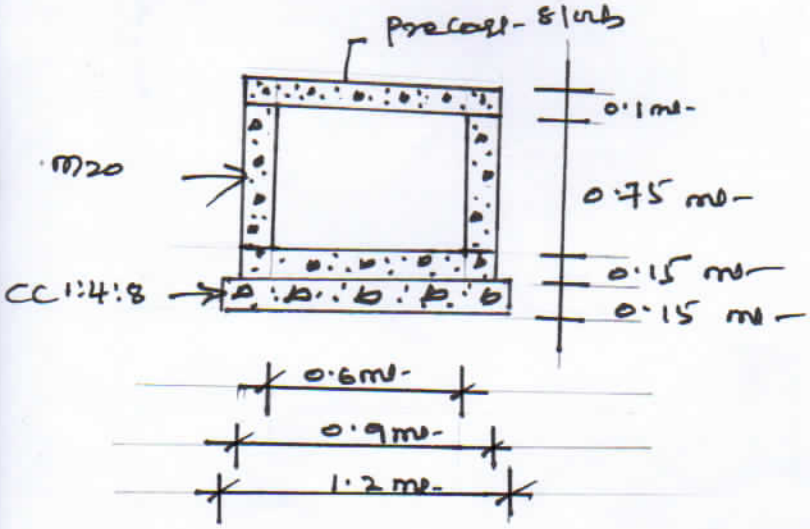
Executive Engineer
Dasarahalli Division

ಸಂ.EE/DO/AS/175/1716 ದಿನಾಂಕ : 16/10/2017
ರೂ. Rs 50.00 lakhs only
(Fifty Lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ.EE/TS/226/17-18 ದಿನಾಂಕ : 24/10/2017
ರೂ. Rs. 50.00 lakh only/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of the work:- Improvements to Rcc drain & covering Slab at- Kalasti Nagar cross Roads 3rd 4th, 5th, 6th in Dasara halli ward No-15





ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು